

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-10 (cancelled)

Claim 11 (currently amended): A filtration housing comprising:

an end plate configured to retain a filtration cassette;

the end plate includes a feed channel that communicates with an inlet port,

wherein the inlet port is connected to a source of fluid;

the end plate includes a retenate channel that extends into an outlet port;

the end plate includes a first filtrate channel and a second filtrate channel[[,]];

wherein the first filtrate channel includes a first longitudinal portion

that is parallel to the feed channel and a first transverse portion on a first declining acute angle that communicates with a first filtrate passage;

the second filtrate channel includes a second longitudinal portion that is parallel to the retenate channel and a second transverse portion on a second declining acute angle that communicates with a second filtrate passage; and

the first and second transverse filtrate channel portions are configured to form acute angles that provide a structural arrangement with an upper surface of the end

plate, wherein the source of fluid is configured to flow out of an outlet port of the end plate.

Claim 12 (previously presented): The filtration housing of claim 11, further comprising a base frame that is configured to permit relative movement of the first plate and the end plate along a longitudinal axis of the filtration cassette.

Claim 13 (previously presented): The filtration housing of claim 12, further comprising a pneumatic piston affixed to the base frame to move the second plate towards and away from the end plate.

Claim 14 (previously presented): The filtration housing of claim 11, wherein the filtration cassette includes retenate passages.

Claim 15 (previously presented): The filtration housing of claim 11, wherein the fluid is pressurized fluid.

Claim 16 (currently amended): A filtration housing comprising:

an end plate configured to retain a filtration cassette;

the end plate includes a feed channel that communicates with an inlet port,

wherein the inlet port is connected to a source of fluid;

the end plate includes a retenate channel that extends into an outlet port;

the end plate includes a first filtrate channel and a second filtrate channel[[,]]; wherein the first filtrate channel includes a first longitudinal portion that is parallel to the feed channel and a first transverse portion on a first declining acute angle that communicates with a first filtrate passage; the second filtrate channel includes a second longitudinal portion that is parallel to the retenate channel and a second transverse portion on a second declining acute angle that communicates with a second filtrate passage; and the first and second transverse filtrate channel portions are configured to form acute angles that provide a structural arrangement with an upper surface of the end plate, wherein the source of fluid is configured to flow out of a first outlet port and a second outlet port of the end plate.

Claim 17 (previously presented): The filtration housing of claim 16, wherein the fluid flows out of a first hole of the first outlet port and a second hole of the second outlet port.

Claim 18 (currently amended): A filtration housing comprising:

an end plate configured to retain a filtration cassette;
the end plate includes a feed channel that communicates with an inlet port, wherein the inlet port is connected to a source of fluid;
the end plate includes a retenate channel that extends into an outlet port;

the end plate includes a first filtrate channel and a second filtrate channel[[,]];

wherein the first filtrate channel includes a first longitudinal portion that is parallel to the feed channel and a first transverse portion on a first declining acute angle that communicates with a first filtrate passage;

the second filtrate channel includes a second longitudinal portion that is parallel to the retentate channel and a second transverse portion on a second declining acute angle that communicates with a second filtrate passage; and

the first and second transverse filtrate channel portions are configured to form declining acute angles that provide a structural arrangement with an upper surface of the end plate, wherein the source of fluid is configured to flow out an outlet port of the end plate.

Claim 19 (previously presented): The filtration housing of claim 18, wherein the fluid flows out of a hole of the outlet port.